

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBS | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--|------------------|---------|------------------|
| L1 | 3910 | (fatty with (dimer dimeric dimeriz\$)) same (fatty with (trimer trimeric trimeriz\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| L2 | 26782 | amidoamine polyamidoamine amidopolymidine polyamidopolyamide aminoamide polyaminoamide aminopolymidine polyaminopolymidine ((amino polyamide) near3 (amido polyamide)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| L3 | 102710 | oleate ((ester polyester) near5 (oleic oleate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| L4 | 476078 | ((weighting weight) near3 (agent component)) galena hematite magnetite ((iron ferric ferrous) adj2 (oxide dioxide trioxide)) ilmenite barite siderite celestite dolomite calcite | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| L5 | 8310 | ((fatty acid) with (dimer dimeric dimeriz\$)) same ((fatty acid) with (trimer trimeric trimeriz\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| L6 | 13880 | ("w/o" invertS3 invers\$4 (water adj2 in adj2 oil)) near3 emulsion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| L7 | 1672 | emulsion with ((water aqueous) near3 discontinuous) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| L8 | 15139 | L6 L7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| L9 | 15802 | ((organophilic organophilic oleophilic oleophilic ((organo oleo) adj2 (philic philic))) near4 clay) organoclay ((organo organic) near5 clay) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |

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|-----|--------|--|--|----|----|---------------------|
| L10 | 573 | L8 and L9 and L4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| L11 | 11 | L10 and (L1 L5) and (L2 L3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| L12 | 256902 | (fatty acid) with (react reaction reacted reacting condensat\$5 polycondensat\$5) with (amine amino diamine diamino polyamine polyamino) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| L13 | 143 | L10 and L12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| L14 | 41 | L10 and L12 and (diethylenetriamine (diethylene adj2 triamine) triethylenetetramine (triethylene adj2 tetramine) triethylenetetraamine (triethylene adj2 tetraamine) pentaethylenetetramine (pentaethylene adj2 tetramine) pentaethylenetetraamine (pentaethylene adj2 tetraamine)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:52 |
| L15 | 15 | L10 and L12 and (9 with (weight "wt" "%" percent percentage concentration)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:53 |
| L16 | 6 | I14 and I15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:53 |
| L17 | 61 | ("2873253" I "2994660" I "20010009890" I "20030114316" I "2004012332" I "2994660" I "3127343" I "3654177" I "3728277" I "4010111" I "4941983" I "5027901" I "5237080" I "5254531" I "5441927" I "5869433" I "5960878" I "5883054" I "6017854" I "6289989" I "6339048" I "6861393" I "6159006" I "7278485" I "7345010").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 10:06 |

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|-----|---------|--|--|----|----|---------------------|
| L18 | 17 | L10 and L12 and (diethylenetriamine (diethylene adj2 triamine) triethylenetetramine (triethylene adj2 tetramine) triethylenetetraamine (triethylene adj2 tetraamine) pentaethylenetetramine (pentaethylene adj2 tetramine) pentaethylenetetraamine (pentaethylene adj2 tetraamine)) and (primary near3 (emulsify\$6 emulsify\$6)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 10:27 |
| L19 | 6 | "4663076" pn. "4941983".pn. us- 20040102332-\$..did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 10:33 |
| S3 | 580142 | epoxS6 diepoxS6 polyepoxS6 glycidylS6 diglycidylS6 polyglycidylS6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 10:59 |
| S4 | 473386 | silicone polysiloxane polyorganosiloxane polydiorganosiloxane organopolysiloxane organosiloxane diorganopolysiloxane siloxane organosilicone | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/30 11:23 |
| S5 | 304815 | curative hardener (cross adj2 linker) crosslinker ((curing hardening (cross adj2 linking) crosslinking) adj2 (agent promoter)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/30 11:25 |
| S6 | 1175739 | amine amino diamine diamino triamine triamino polyamine polyamino | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/30 11:25 |
| S7 | 482919 | silicone polysiloxane polyorganosiloxane polydiorganosiloxane organopolysiloxane organosiloxane diorganopolysiloxane siloxane organosilicone | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 16:05 |
| S8 | 9628 | "507"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:15 |
| S9 | 380 | invert with emulsion with continuous | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:17 |

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|-----|--------|---|--|----|----|------------------|
| S10 | 11045 | ("w/o" invert\$ invers\$) near3 emulsion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:44 |
| S11 | 114 | (organophilic (organo adj phillic) near4 clay | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 11:24 |
| S12 | 38 | S10 and S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:19 |
| S13 | 249972 | (weighting weight) near3 (agent component) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:20 |
| S14 | 36 | S12 and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:20 |
| S15 | 30 | S14 and fatty | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:29 |
| S16 | 222 | patel-arvind.in. patel-arvind-d.in. patel-arvind-\$in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:30 |
| S17 | 15 | friedheim-jim.in. friedheim-jim-S.in. friedheim-james.in. friedheim-james-\$in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:30 |
| S18 | 848 | lee-john.in. lee-john-\$in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:31 |
| S19 | 1 | hoxha-burnham.in. hoxha-burnham-\$in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:31 |
| S20 | 1071 | S16 S17 S18 S19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:12 |

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|-----|------|---|--|----|----|---------------------|
| S21 | 30 | S20 and S10 and fatty | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:32 |
| S22 | 27 | S20 and S10 and fatty and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:32 |
| S23 | 11 | S20 and S10 and fatty and S13 and S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:39 |
| S24 | 1965 | (fatty with dimer) and (fatty with trimer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:41 |
| S25 | 1 | S23 and S24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:41 |
| S26 | 86 | S10 and S24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:41 |
| S27 | 1 | S20 and S26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:41 |
| S28 | 1912 | (fatty with dimer) same (fatty with trimer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 11:22 |
| S29 | 81 | S10 and S28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:42 |
| S30 | 43 | S10 and S28 and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:43 |
| S31 | 1 | S10 and S28 and S13 and S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:42 |

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| S32 | 31665 | "water in oil" "water-in-oil" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:44 |
| S33 | 32209 | ("w/o" invertS inversS S32) near3 emulsion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:45 |
| S34 | 285992 | drilling wellbore subterranean | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:45 |
| S35 | 2383 | S33 and (S34 S8) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:46 |
| S36 | 30 | S35 and S28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:06 |
| S37 | 1841 | (fatty with dimer) with (fatty with trimer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:04 |
| S38 | 1912 | S37 S28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:04 |
| S39 | 1 | S38 and S20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:05 |
| S40 | 47800 | rheolog\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:05 |
| S41 | 10 | S38 same S40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:10 |
| S42 | 6 | S41 and S33 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:40 |

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| S43 | 4 | S41 not S42 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:11 |
| S44 | 1 | ("rm-63" "rm 63") with (rheolog\$ fatty) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:59 |
| S45 | 116 | rm\$1 adj "63" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:52 |
| S46 | 1 | S45 with (rheolog\$ fatty) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:54 |
| S47 | 440200 | baroid (rheolog\$ fatty) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:54 |
| S48 | 23 | baroid\$1 with (rheolog\$ fatty) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:55 |
| S49 | 116 | ("rm-63" "rm 63") S45 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:00 |
| S50 | 8 | ("5237080" "5254531" "5441927" "6289989").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:06 |
| S51 | 3 | wo-9526386-\$ did. wo-96223342-\$. did. wo-2002053675-\$ did. wo- 2002053676-\$ did. ca-2088697-\$. did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:07 |
| S52 | 3 | wo-9526386-\$ did. wo-96223342-\$. did. wo-02053675-\$ did. wo- 02053676-\$ did. ca-2088697-\$ did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:07 |
| S53 | 3 | wo-9526386-\$ did. wo-96223342-\$. did. wo-2002053675-\$ did. wo- 2002053676-\$ did. ca-2088697-\$. did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:08 |

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| S54 | 5 | wo-9526386-\$ did. wo-96223342-\$ did. wo-200253675-\$ did. wo-200253676-\$ did. ca-2088697-\$ did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:10 |
| S55 | 13 | S50 S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:08 |
| S56 | 1 | wo-9622342-\$ did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:11 |
| S57 | 14 | S55 S56 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:11 |
| S58 | 1 | S57 and (S49 S37 S28) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:11 |
| S59 | 31 | "5635457" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 10:59 |
| S60 | 2970 | (fatty with (dimer dimeric)) same (fatty with (trimer trimeric)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 11:23 |
| S61 | 11806 | ("w/o" invert\$3 invers\$4) near3 emulsion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 11:24 |
| S62 | 126 | (organophilic (organo adj philic)) near4 clay | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 11:24 |
| S63 | 1 | S60 and S61 and S62 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 11:26 |
| S64 | 100 | S60 and S61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 11:26 |

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|-----|------|---|--|----|----|------------------|
| S65 | 13 | S60 and S61 and weighting | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 11:29 |
| S66 | 16 | S60 and S61 and (weighting barite) and (emulsifier emulsifying) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 11:30 |
| S67 | 9 | S60 and S61 and (weighting barite) and (emulsifier emulsifying) and (S62 viscosifS) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 13:29 |
| S68 | 7 | S66 not S67 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 14:48 |
| S69 | 2 | wo-8911516-\$ did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 14:56 |
| S70 | 232 | patel-arvind.in. patel-arvind-d.in. patel-arvind-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:12 |
| S71 | 16 | friedheim-jim.in. friedheim-jim-\$.in. friedheim-james.in. friedheim-james-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:12 |
| S72 | 908 | lee-john.in. lee-john-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:12 |
| S73 | 1 | hoxha-burnham.in. hoxha-burnham-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:12 |
| S74 | 1141 | S70 S71 S72 S73 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:12 |
| S75 | 1 | S74 and S60 and S61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:13 |

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|-----|------|-------------------------------------|--|----|----|------------------|
| S76 | 4963 | ("m i" "m.i." "m. i.").as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:13 |
| S77 | 58 | S76 and S74 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:14 |
| S78 | 2 | S76 and S60 and S61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:40 |
| S79 | 0 | ("df" near base) and halliburton | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:41 |
| S80 | 0 | ("df" near base) and halliburton | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:41 |
| S81 | 0 | ("df 1" near base) and halliburton | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:41 |
| S82 | 4 | ("df 1" near5 base) and halliburton | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:42 |
| S83 | 19 | ("df 1" near5 base) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:42 |
| S84 | 103 | ("rm-63" "rm 63") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:27 |
| S85 | 0 | "rmrt""rmtn" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:27 |
| S86 | 0 | "rm.rtm." "rm.lm." | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:27 |

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|-----|---------|--|--|----|----|---------------------|
| S87 | 1336081 | "rm" "tm" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:27 |
| S88 | 267 | "rm" adj2 S87 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:28 |
| S89 | 369 | "rm" adj4 S87 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:29 |
| S90 | 4 | (S84 S89) same (trimer trimeriz\$) same (dimer dimeriz\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:29 |
| S91 | 9 | (S84 S89) and ((trimer trimeriz\$) same (dimer dimeriz\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:31 |
| S92 | 2 | wo-9322342-\$ did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:45 |
| S93 | 1 | wo-9622342-\$ did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:45 |
| S94 | 3115 | (fatty with (dimer dimeric)) same (fatty with (trimer trimeric)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:26 |
| S95 | 12684 | ("w/o" invert\$3 invers\$4) near3 emulsion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:26 |
| S96 | 242 | patel-arvind.in. patel-arvind.d.in. patel-arvind-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:26 |
| S97 | 18 | friedheim-jim.in. friedheim-jim-\$. in. friedheim-james.in. friedheim- james-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:26 |

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| S98 | 932 | lee-john.in. lee-john-\$in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:26 |
| S99 | 1 | hoxha-burnham.in. hoxha-burnham-\$in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:26 |
| S100 | 1175 | S96 S97 S98 S99 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:26 |
| S101 | 1 | S100 and S94 and S95 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:26 |
| S102 | 1690 | patel-a\$in. patel-a\$-d.in. patel-a\$-S.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:27 |
| S103 | 27 | friedheim-j\$in. friedheim-j\$-S.in. friedheim-j\$in. friedheim-j\$-S.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:27 |
| S104 | 81076 | lee-j\$in. lee-j\$-\$in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:27 |
| S105 | 14 | hoxha-b\$in. hoxha-b-\$in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:28 |
| S106 | 14 | hoxha-b\$in. hoxha-b\$-\$in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:28 |
| S107 | 5242 | (^m i" "m.i." "m. i.")as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:28 |
| S108 | 86493 | S96 S97 S98 S99 S104 S105 S106 S107 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:28 |

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|------|--------|---|--|----|----|---------------------|
| S109 | 3716 | (fatty with (dimer dimeric dimeriz\$)) same (fatty with (trimer trimeric trimeriz\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:29 |
| S110 | 2 | S108 and S109 and S95 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:29 |
| S111 | 118 | S109 and S95 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:29 |
| S112 | 13762 | ("w/o" invert\$3 invers\$4) near3 emulsion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 09:57 |
| S113 | 3909 | (fatty with (dimer dimeric dimeriz\$)) same (fatty with (trimer trimeric trimeriz\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 09:57 |
| S114 | 144 | S113 and S112 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 09:57 |
| S115 | 26755 | amidoamine polyamidoamine amidopolycyclic polyamidopolyamic aminoamide polyaminoamide aminopolycyclic polyaminopolycyclic ((amino polyamide) near3 (amido polyamide)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:00 |
| S116 | 102595 | oleate ((ester polyester) near5 (oleic oleate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:00 |
| S117 | 89 | S114 and S116 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:01 |
| S118 | 19 | S114 and S115 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:01 |

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|------|--------|---|--|----|----|---------------------|
| S119 | 4 | ("7345010").pn. us-20040102332-S. did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:14 |
| S120 | 2771 | ((organophilic (organo adj phillie)) near4 clay) organoclay (organo adj2 clay) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:16 |
| S121 | 235 | S112 and S120 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:16 |
| S122 | 22 | S121 and S113 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:17 |
| S123 | 8 | S122 and (S115 S116) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:17 |
| S124 | 475788 | ((weighting weight) near3 (agent component)) galena hematite magnetite ((iron ferric ferrous) adj2 (oxide dioxide trioxide)) ilmenite barite siderite celestite dolomite calcite | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:19 |
| S125 | 8 | S123 and S124 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:19 |
| S126 | 3 | "emi-756" "emi 756" "emi756" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:38 |
| S127 | 8 | S122 and (S115 S116 S126) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:38 |
| S128 | 8 | S122 and (S115 S116 S126) and S124 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:38 |
| S129 | 1 | S122 and (S115 S116 S126) and S124 and S126 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:39 |

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|------|--------|--|--|----|----|------------------|
| S130 | 3 | "emi-756" "emi 756" "emi756" and ((equivalent equiv) with acid with (amine amino polyamine polyamino)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:41 |
| S131 | I | ("emi-756" "emi 756" "emi756") and ((equivalent equiv) with acid with (amine amino polyamine polyamino)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:41 |
| S132 | 303633 | ((organophilic (organo adj phillic)) near4 clay) organoclay (organo adj2 clay) clay | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:43 |
| S133 | 3635 | S112 and S132 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:43 |
| S134 | 256753 | (fatty acid) with (react reaction reacted reacting condensat\$5 polycondensat\$5) with (amine amino diamine diamino polyamine polyamino) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:45 |
| S135 | 793 | S133 and (S134 S113 S115) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:46 |
| S136 | 505 | S133 and (S134 S113 S115) and S124 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:47 |
| S137 | 14526 | ((organophilic (organo adj phillic)) near4 clay) organoclay ((organo organic) near5 clay) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:48 |
| S138 | 336 | S112 and S137 and S124 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:49 |
| S139 | 114 | S138 and S134 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:49 |
| S140 | 10 | S138 and S113 and (S115 S116) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:50 |

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|------|-------|--|--|----|----|------------------|
| S141 | 8304 | ((fatty acid) with (dimer dimeric dimeriz\$) same ((fatty acid) with (trimer trimeric trimeriz\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:51 |
| S142 | 10 | S138 and (S113 S141) and (S115 S116) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:52 |
| S143 | 13864 | ("w/o" invertS3 inversS4 (water adj2 in adj2 oil)) near3 emulsion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:53 |
| S144 | 1670 | emulsion with ((water aqueous) near3 discontinuous) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:54 |
| S145 | 15121 | S143 S144 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:54 |
| S146 | 382 | S145 and S137 and S124 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:54 |
| S147 | 10 | S146 and (S113 S141) and (S115 S116) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:55 |
| S148 | 115 | S146 and S134 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:55 |
| S149 | 1800 | S145 and (S137 clay) and S124 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:55 |
| S150 | 37 | S149 and (S113 S141) and (S115 S116) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:56 |
| S151 | 440 | S149 and S134 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:56 |

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|------|-------|--|--|----|----|---------------------|
| S152 | 15790 | ((organophilic organophilic oleophilic oleophilic ((organo oleo) adj2 (philic philic))) near4 clay) organoclay ((organo organic) near5 clay) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 11:05 |
| S153 | 572 | S145 and S152 and S124 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 11:05 |
| S154 | 11 | S153 and (S113 S141) and (S115 S116) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 11:06 |
| S155 | 142 | S153 and S134 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 11:06 |

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